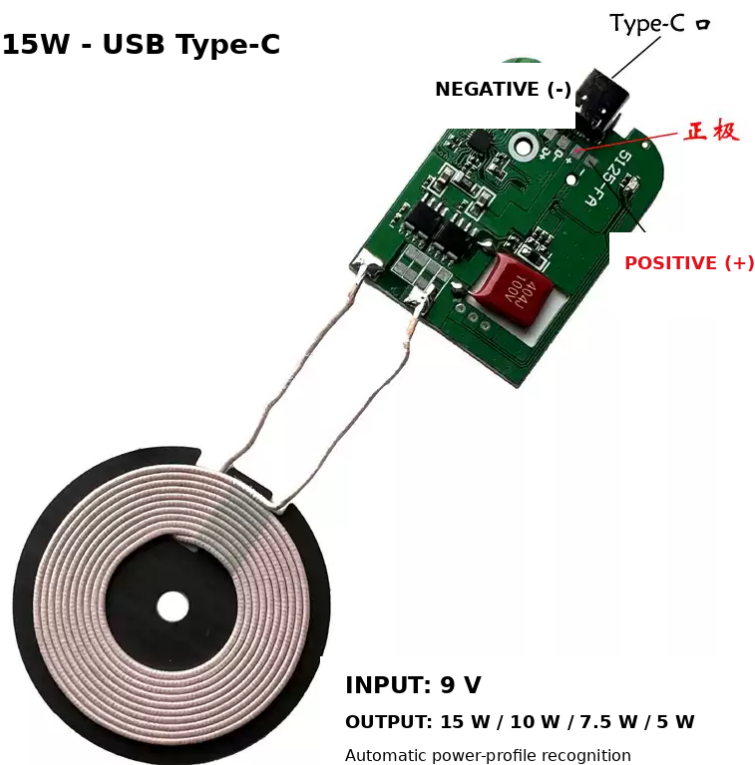


15W Qi Fast Wireless Charging Transmitter Module

PCBA + transmitter coil with automatic 5 W / 7.5 W / 10 W / 15 W power-profile support

15W - USB Type-C



Compact embedded wireless charging transmitter with Micro-USB or USB Type-C input options

The module combines a transmitter PCBA and wireless charging coil for integration into custom electronics, furniture, vehicle accessories and charging products.

Source package includes two annotated product images plus a saved product webpage. The webpage identifies model QI-11, 15 W total/single-port maximum power, Qi charging, and QC2.0 / Qi / QC3.0 fast-charge protocol information. Image annotations provide the 9 V input and automatic 15 W / 10 W / 7.5 W / 5 W output profiles.

1. Functional Description

The 15W Qi Fast Wireless Charging Transmitter Module is an embedded transmitter assembly consisting of a compact controller PCB and a flat inductive charging coil. It is intended for integration into host products that require wireless charging without using a finished consumer charging enclosure. Two input-connector versions are shown: Micro-USB and USB Type-C. The source images specify a 9 V input and automatic recognition of 5 W, 7.5 W, 10 W and 15 W wireless charging power profiles.

2. Key Features

Maximum wireless power	15 W maximum, supported by both the source images and saved product webpage.
Automatic power recognition	Image annotation lists automatic 15 W / 10 W / 7.5 W / 5 W output-profile recognition.
Qi wireless charging	Saved webpage identifies Qi charging protocol / wireless charging application.
Fast-charge protocol information	Saved webpage lists QC2.0, Qi and QC3.0.
Input connector options	Micro-USB or USB Type-C versions.
PCBA + coil architecture	Bare transmitter PCB and flat spiral wireless charging coil for OEM integration.
Polarity identification	Positive (+) and negative (-) connection points are explicitly annotated in the source images.
Model	QI-11, according to the saved webpage.

3. Electrical Characteristics

Nominal input	9 V, from the supplied product-image annotation.
Maximum wireless output	15 W.
Supported output profiles	15 W / 10 W / 7.5 W / 5 W, automatic recognition per source image.
Webpage total power	15 W.
Webpage single-port maximum	15 W.
Charging protocol	Qi.
Fast-charge protocols listed	QC2.0 / Qi / QC3.0.
Input current	TBD - not explicitly specified in the supplied source.

Efficiency / operating frequency	TBD.
----------------------------------	------

4. Product Variants

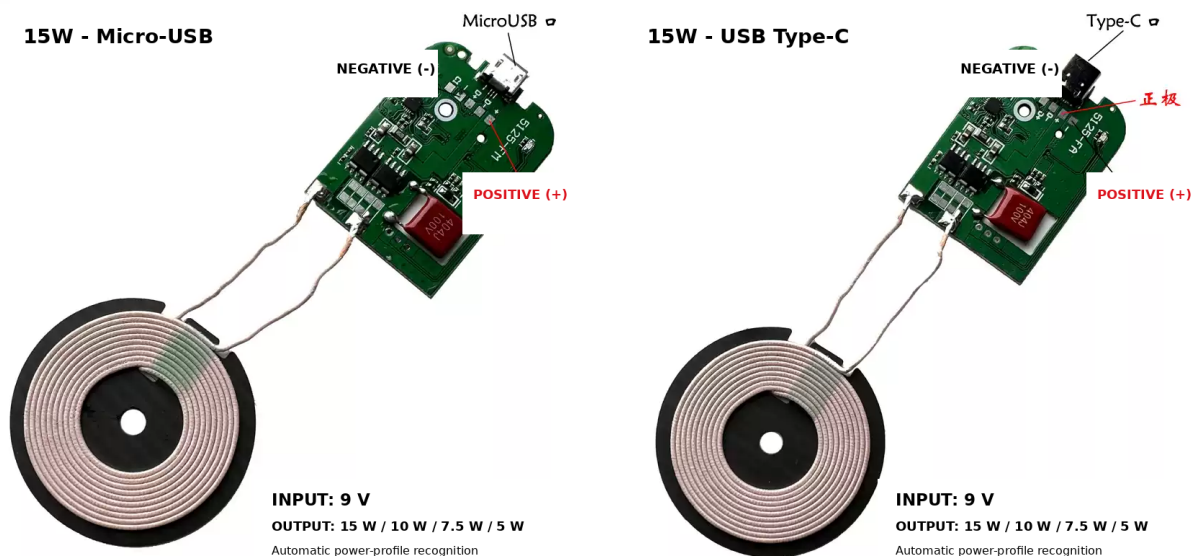
QI-11 Micro-USB	15 W transmitter module with Micro-USB input connector.
QI-11 USB Type-C	15 W transmitter module with USB Type-C input connector.
Pre-wired variants	Saved webpage also lists versions supplied with soldered wires for both connector types.
Brand shown on saved webpage	ChaoMai / '■■■' - source listing information; SiCore branding should be applied only to SiCore-controlled product release.

5. Interface Summary

Power input	9 V nominal through Micro-USB or USB Type-C connector, depending on variant.
Wireless output	Inductive power through the attached flat transmitter coil.
Coil connections	Two wired coil connections from PCBA to transmitter coil.
Polarity points	PCB source image identifies positive (+) and negative (-) points.
Host integration	Bare-board module intended to be mounted and powered inside a host product.

6. Typical Applications

Furniture-integrated wireless chargers, vehicle accessories, navigation/phone mounts, desktop chargers, embedded electronics, custom charging docks, smart equipment and OEM products requiring a compact Qi wireless charging transmitter.



7. Integration Notes

The source images identify 9 V as the module input, while the saved webpage additionally references QC2.0 and QC3.0 protocol support. For a controlled engineering release, the exact relationship between the connector input negotiation and the 9 V operating point should be verified on the production PCB. The transmitter coil should be positioned close to the intended charging surface and kept clear of unintended conductive material that could reduce efficiency or increase heating.

8. Mechanical Characteristics

PCBA dimensions	TBD - no controlled dimension drawing is provided.
Coil diameter	TBD - no reliable dimensional reference is provided.
Assembly height	TBD.
Connector options	Micro-USB / USB Type-C.
Enclosure	Not included in the shown module configuration.
Mounting	OEM / embedded mounting; final retention method depends on host product.

9. Production-Release Data Required

Before controlled release, confirm input-voltage tolerance, maximum input current, QC negotiation behavior, Qi version/certification status, operating frequency, efficiency at 5 W / 7.5 W / 10 W / 15 W, foreign-object detection, overtemperature/overcurrent/overvoltage/short-circuit protection, thermal derating, PCB dimensions, coil dimensions and inductance, coil-to-surface spacing, cable/wire specification, operating/storage temperature and applicable FCC/UL/ETL/CSA or other certifications.

10. Product Classification

Primary category: Wireless Charging Transmitter

Product type: 15W Qi Fast Wireless Charging PCBA + Coil Module

Model from source webpage: QI-11

Input shown: 9 V

Wireless power profiles: 5 W / 7.5 W / 10 W / 15 W

Connector variants: Micro-USB / USB Type-C

Document status: Preliminary English datasheet derived from the supplied product images and saved webpage. Parameters not explicitly supported by those sources remain TBD.